

**Remarks**

**I. Amendment to Claims**

Claims that refer to amino acid sequences in the Sequence Listing have been amended to include the appropriate SEQ ID NO. Applicant submits that no new matter has been added to the application by the present amendment.

**II. Election of Species**

As requested, Applicant hereby elects matrix-metalloproteinase II (MMP-2) as the species for prosecution on the merits. Claims 1-6, 9-23, 29, 33, 39, 43-56 read on the elected species. Apart from claims 33 and 43, all of these claims are generic.

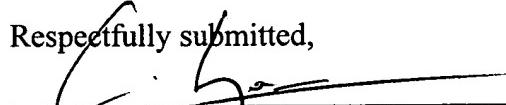
**III. Sequence Listing**

As requested, a Sequence Listing has been prepared and is being filed along with this response (paper and computer readable forms).

**IV. Conclusion.**

If it is believed that a telephone conversation would help expedite prosecution of this case, or if any further information is required, the Examiner is invited to contact the undersigned at (617) 248-4793. Additionally, please charge any fees that may be required, or credit any overpayment, to our Deposit Account No. 03-1721.

Respectfully submitted,

  
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Registration Number 56,630

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